YNK-DBR No. 128
Date 27.01.2020

AEE/YNK SUB. DN
SBR No: 77/19-20
Date: 13/1/2020

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No: First and Final Bill

Date.....2018

Division: **Yelahanka** Sub-Division: **Yelahanka Sub Division** P-3707

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 002-20-000013**

Schedule Docket No. Head of Account: Est.Cost- **99 Lakhs**

Name of Work: **Improvements to roads and drains at Manavarthi Thota, Kamakshamma layout layout Kondappa layout SC-ST areas in Ward No. 02 of Yelahanka Sub division.**

Name of Contractor and Full Address: **M/s. Technical Manager (West), KRIDL, Bangalore, 5th Block, 17th Main Shivakumar Swamy Building, Bhasyam Circle Bangalore: 560010.**

Reference to Agreement No: **BBMP/EE/YNK.D/W.O/000155/2019-20** Date: **08-11-2019**

Certified that the measurements were taken by me on 4/01/2020 and recorded of Pages 493146 to 493154 of measurement Book No. 4932 .and that the work is satisfactorily executed.

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 6/1/2020...and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Total - 1692580=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	FSD 48462=00
3)	" Balance	CGST 86541=00
4)	Deduct Payment:	SGST 86541=00
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IT 193852=00
	b) Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	LC 96925=00
		CBF 9699=00
		LR 89354=00
5)	Balance being unpaid value of work done held in reserve.	TD 1047534=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments. unadjustments items.	
7)	Net amount due to or from Contractor	Net 8645046=00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Signature of Contractor

Dated

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Audited & Admitted for Rs. 9692580=00
Stamp
Ninety six lakh ninety two thousand five hundred & eighty
8645046=00 by Cheque
and Rs. 1047534=00

Executive Engineer

Accts. Supdt.
Yelahanka Division

Exe. Engineer
Yelahanka

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Removing and refixing stone slabs of drains and pointing in CM and as per the directions of the Engineer-in-charge of the work .	Sqm	662.25	-	-	-	661.88	111.30	73666.69	661.88	73667	
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	783.24	-	-	-	783.24	215.28	168615.91	783.24	168616	
3	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	70.83	-	-	-	70.63	5421.90	382937.28	70.63	382937	
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well competed for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification and as per the directions of the Engineer-in-charge of the work .	Cum	89.82	-	-	-	89.79	7070.20	634843.86	89.79	634844	
5	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Tonne	6.63	-	-	-	6.61	73992.24	489132.01	6.61	489132	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
6	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, completeand as per the directions of the Engineer-in-charge of the work .	Sqm	590.85	-	-	-	590.57	2337.00	1380150.41	590.57	1380150	
7	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of the Engineer-in-charge of the work .	Sqm	28.8	-	-	-	28.80	5418.00	156038.40	28.80	156038	
8	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	35	-	-	-	32.46	973.42	31599.48	32.46	31599	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
9	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	26.25	-	-	-	26.17	5210.96	136379.94	26.17	136380	
10	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. and as per the directions of the Engineer-in-charge of the work .	Sqm	175	-	-	-	162.31	72.08	11699.42	162.31	11699	
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specificationand as per drawing and as per the directions of the Engineer-in-charge of the work .	Cum	241.2	-	-	-	241.20	1994.92	481174.70	241.20	481175	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Rs
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
12	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	369.84	-	-	-	369.84	2001.28	740153.40	369.84	740153	
13	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	3914.4	-	-	-	3893.04	33.92	132051.78	3893.04	132052	
14	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	195.72	-	-	-	195.34	7428.48	1451062.94	195.34	1451063	
15	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	5506	-	-	-	5505.09	12.72	70024.74	5505.09	70025	
16	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	221	-	-	-	220.20	8699.42	1915643.60	220.20	1915644	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
17	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm	221	-	-	-	221.00	454.74	100497.54	221.00	100498	
		Sub Total							8355672		8355672	
		GST 12%									1002681	
		Add KRIDL @ 4%									334227	
		Total Amount									9692580	

Asst Engineer
Yelahanka / Yeshwanthpura Sub Division,
KRIDL, BBMP, Bangalore

Certificate

1.The Work executed by the contractor is found satisfactory
2. The contractor has removed the debris from the work spot
3. Thereare no departmental issues for this work

Contractor

Asst Engineer

Asst Executive Engineer

Executive Engineer